• PRINTER RUSH • (PTO ASSISTANCE)

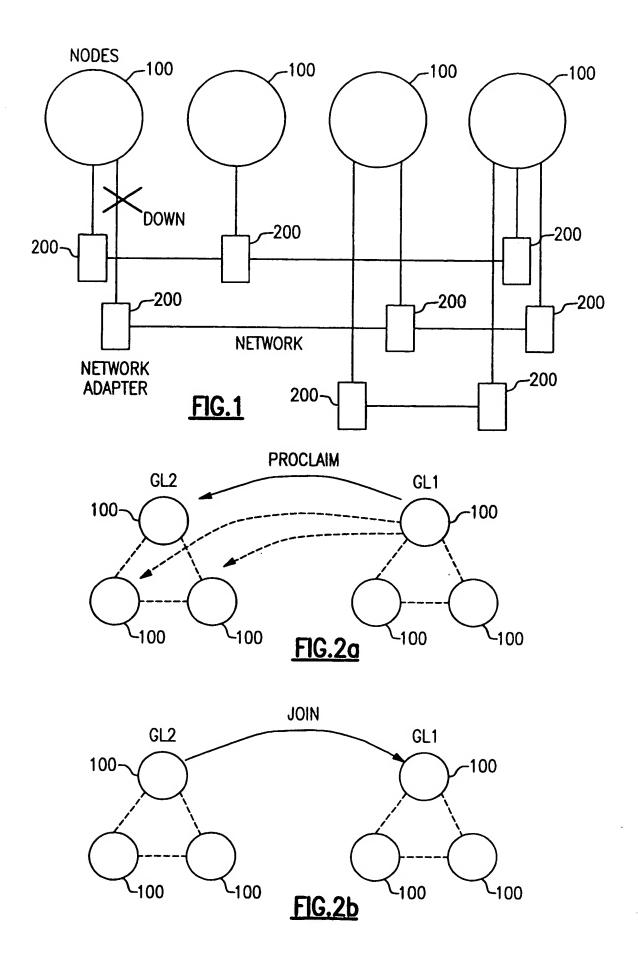
Application :	10 077 051	Examiner :	R Dharia	GAU:	2/4/	
From:	mg	Location:	DO FMF FDC	Date:	02 . 21 . 06	
		Tracking #:	10 077 051 EPM	Week Date:	11.28.05	

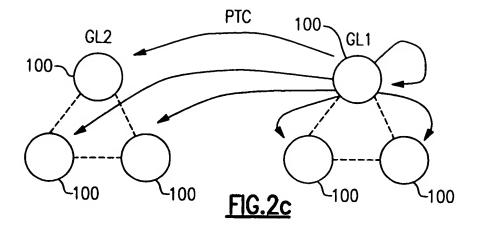
DOC CODE	DOC DATE	MISCELLANEOUS
<u> </u>		☐ Continuing Data
□IDS		Foreign Priority
☐ CLM		Document Legibility
☐ IIFW		Fees
☐ SRFW		Other
♂DRW	ο5 · ο9 · ο ₂	
OATH		
□ 312		
☐ SPEC		

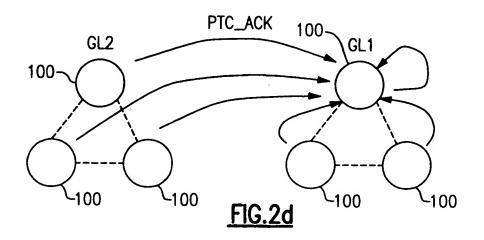
		ef DRAFTE provide	 	copy	of	the	approved	set of	drawings
									tnanke
USH] RESPO	NSE: _								
			 ···						

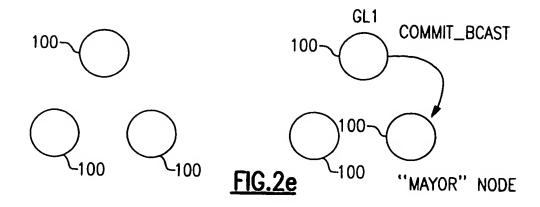
NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

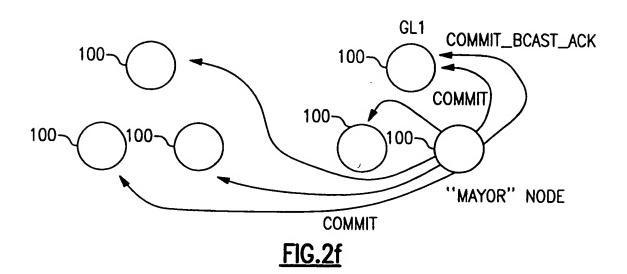
REV 10/04

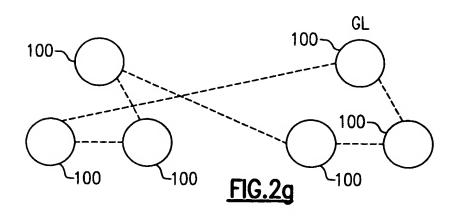


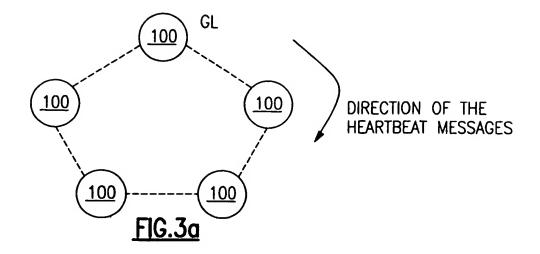


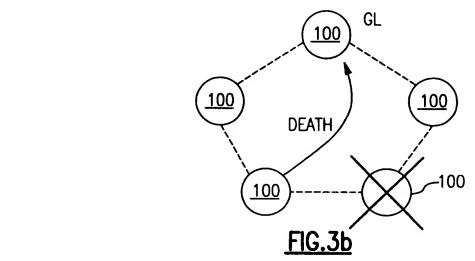


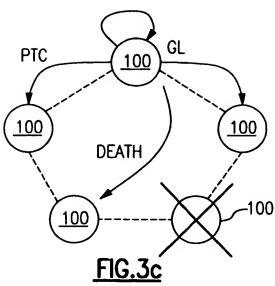


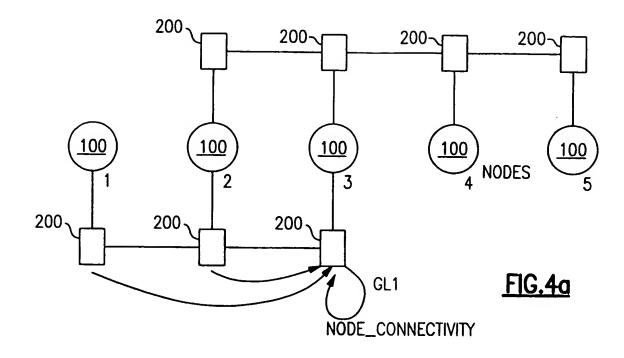


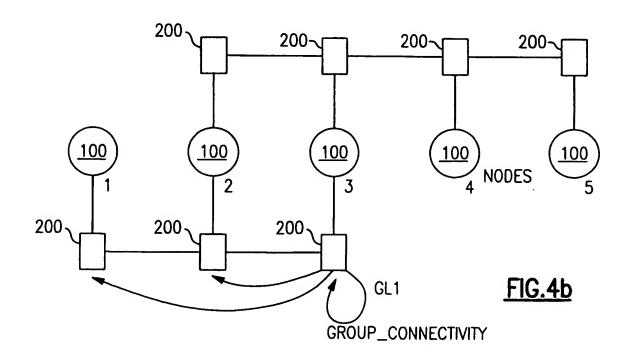


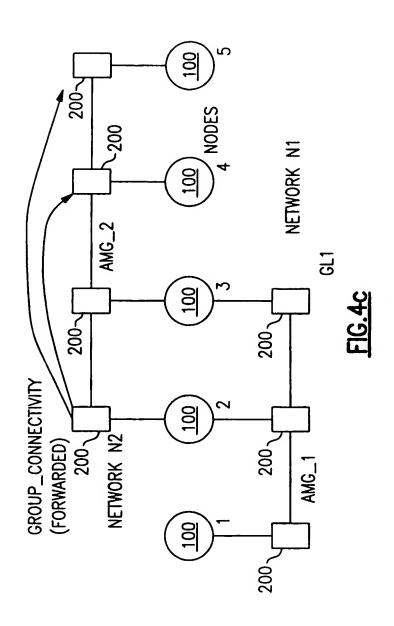


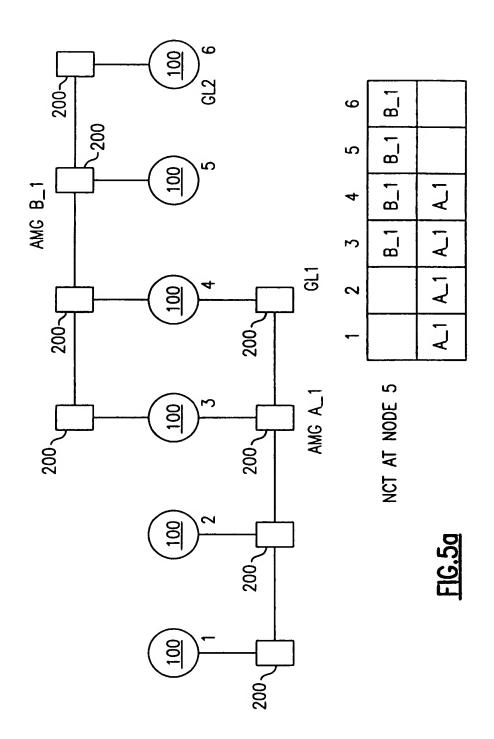


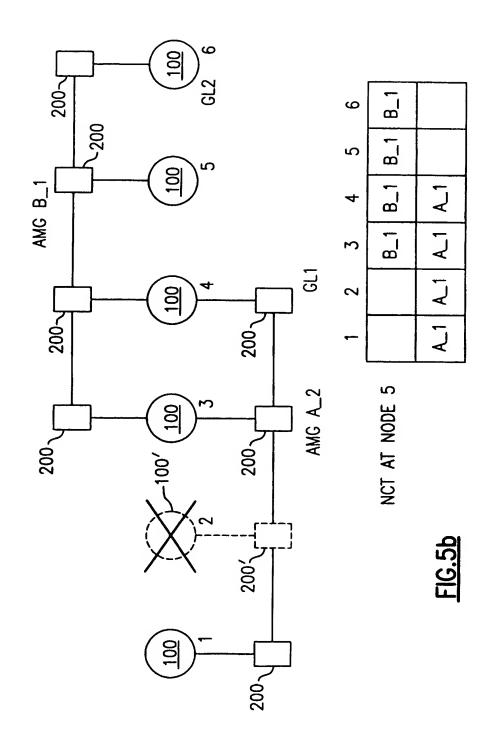


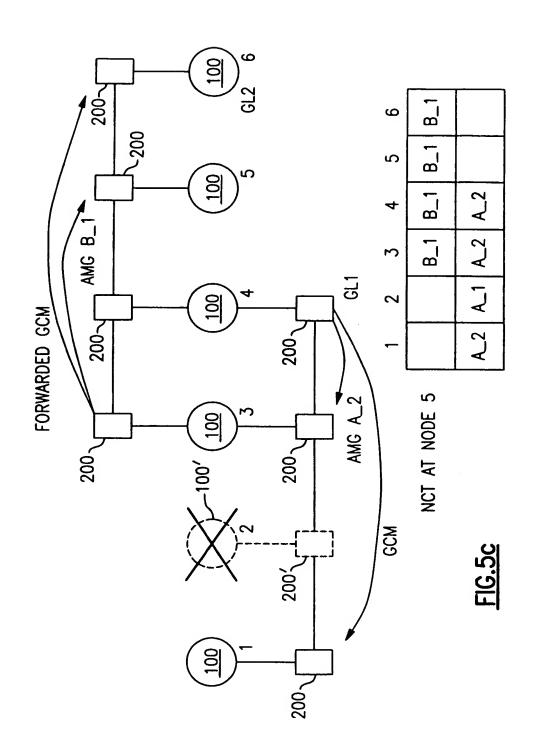












NETWORK A: 10 SECONDS DETECTION TIME NETWORK B: 40 SECONDS DETECTION TIME

NODES 1 AND 2 ARE FORMING AMGS ON NETWORKS A AND B

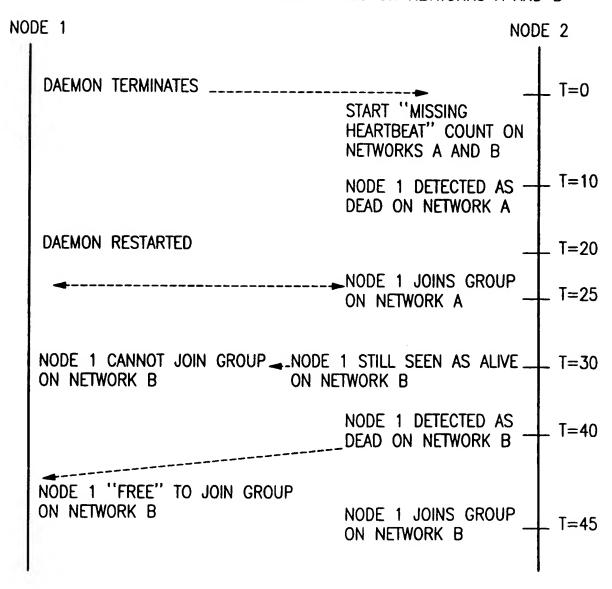


FIG.6

NODE 2 AND **OTHERS**

NODE 1 (NOT GL OR CP)

ADAPTER GLITCH: IT START "MISSING CAN RECEIVE BUT NOT HEARTBEAT" COUNT SEND PACKETS

START "MISSING HEARTBEAT" COUNT

----- NODE 1 DETECTED AS DEAD: OTHERS FORM NEW AMG

UPSTREAM NEIGHBOR DETECTED AS DEAD

DOES NOT HEAR BACK FROM GL OR CP: "DISSOLVE" GROUP AND FORM SINGLETON UNSTABLE AMG

ADAPTER GLITCH ENDS: RESUMES NORMAL OPERATIONS NODE 1 JOINS GROUP

NEVER SEES OTHER NODES GOING DOWN

FIG.7

NODE 1 DEAD

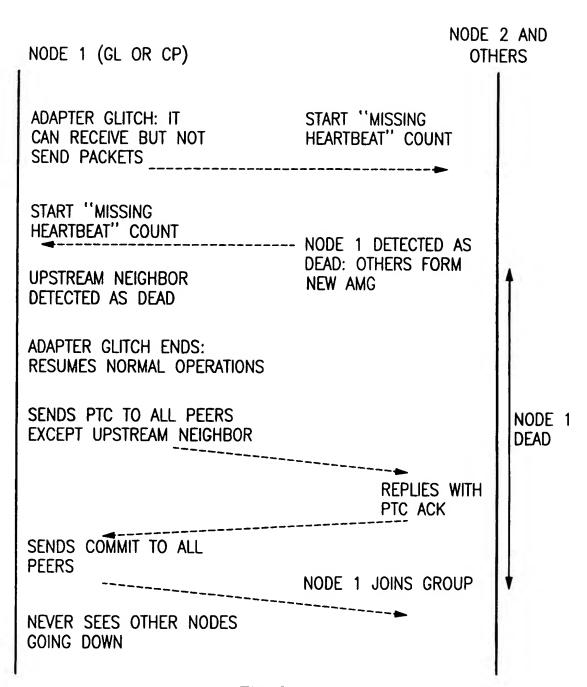
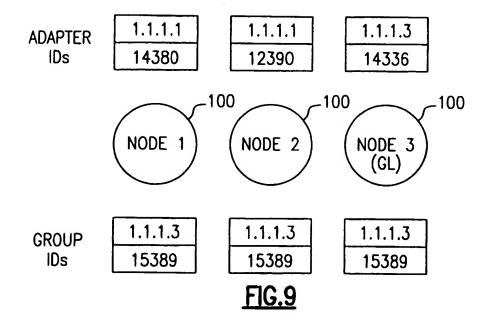


FIG.8



MESSAGE TYPE

SOURCE ADAPTER ID

SOURCE GROUP ID

DESTINATION ADAPTER ID

DESTINATION GROUP ID

PAYLOAD

FIG.10

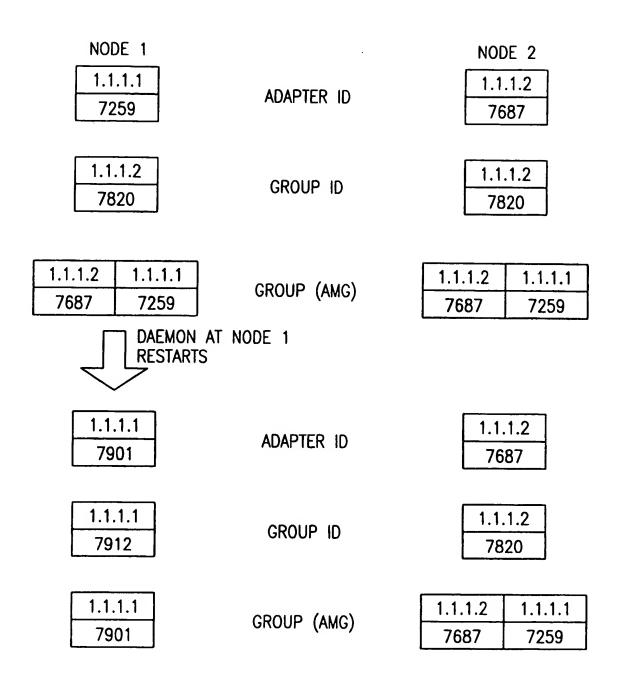
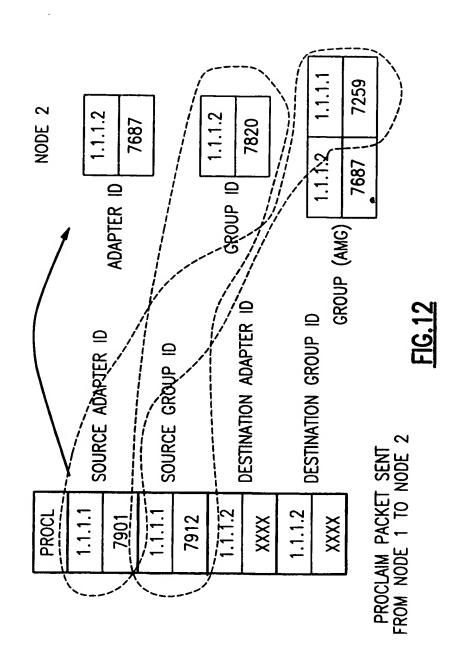
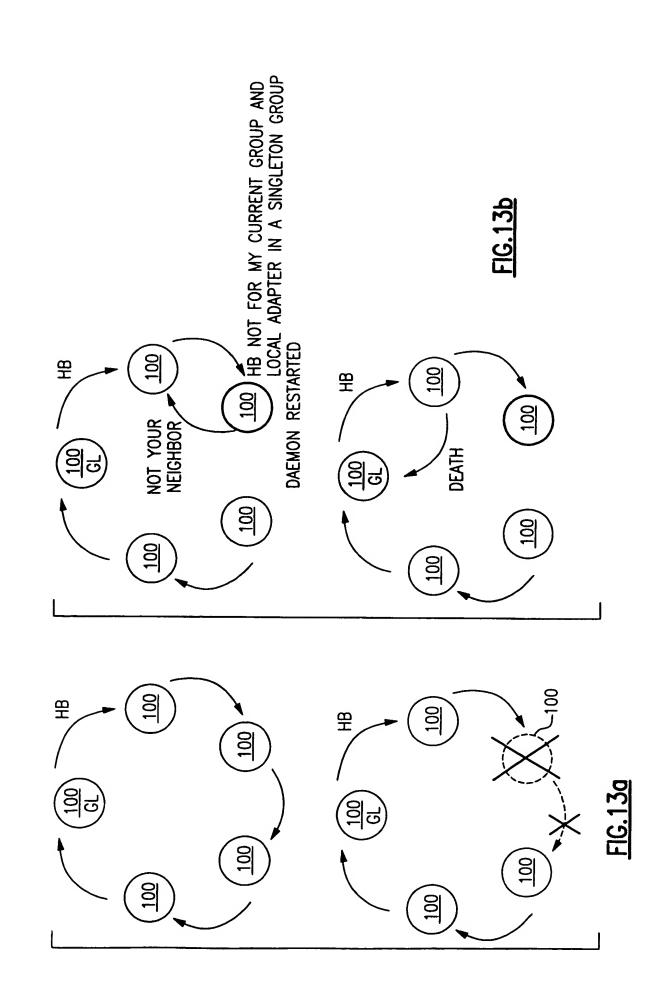


FIG.11





NODE 2 1.1.1.2 7687 ADAPTER ID NODE 3 (GL) 1.1.1.3 7687

GROUP ID 1.1.1.3 7820

1.1.1.3 7820

> 1.1.1.1 7228 7259 1.1.1.3 7687

GROUP (AMG)

1.1.1.1

1.1.1.2

1.1.1.3

7228

7259

7687

1.1.1.1 1.1.1.1 7228 7228 1.1.1.2 1.1 1.2 7259 7259 1.1 1.3 1.1.1.3 7687 7687 LAST_STABLE_GROUP

COMMUNICATION GLITCH IN NODE 3'S ADAPTER

FIG. 14a

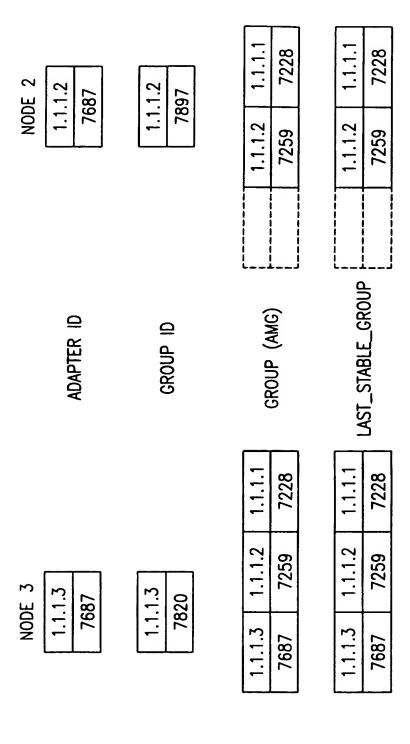


FIG. 14b

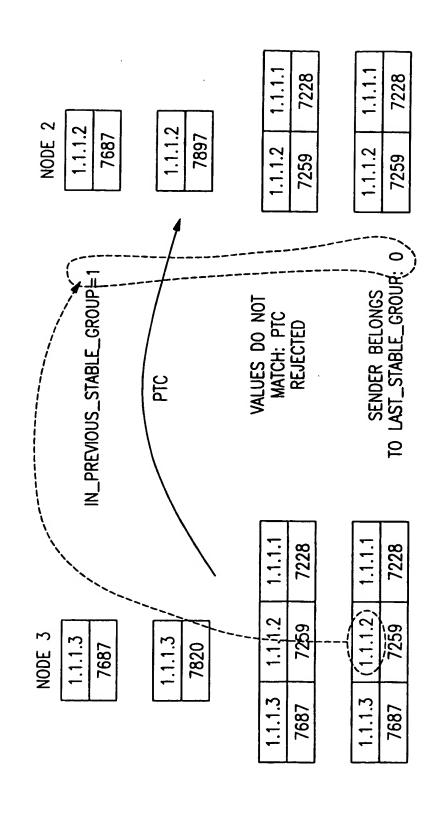


FIG. 14c

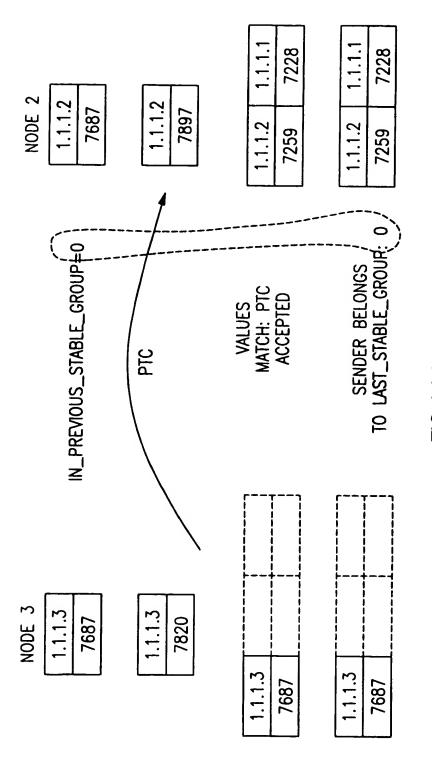
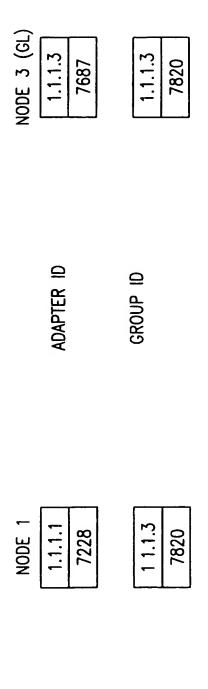


FIG. 14d



		1 1		 1
1.1.1.1	7228		1.1.1.1	7228
1.1.1.3 1.1.1.2 1.1.1.1	7259		1.1.1.3 1.1.1.2 1.1.1.1	7259
1.1.1.3	7897		1.1.1.3	7687
GROUP (AMG)			LAST STABLE GROUP	
1.1.1.1	7228		1.1.1.1	7228
1.1.3 1.1.1.2 1.1.1.1	7259		1.1.3 1.1.1.2 1.1.1.1	7259
.1.1.3	7687		.1.1.3	7897

COMMUNICATION GLITCH IN NODE 1'S ADAPTER.

FIG. 15a

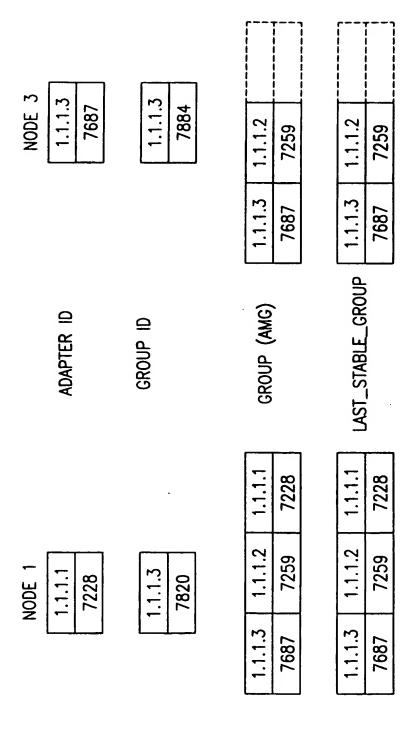


FIG. 15b

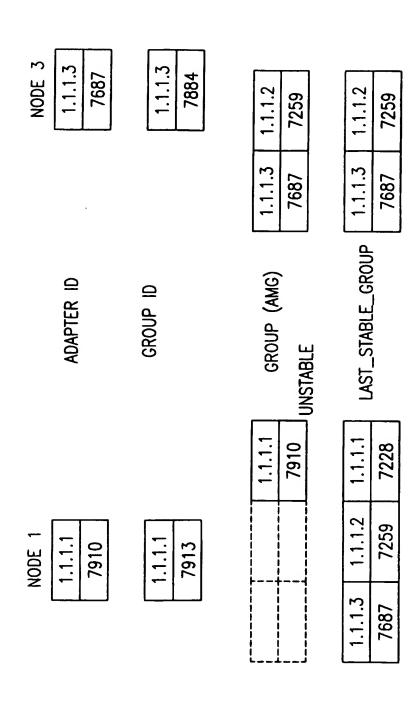


FIG. 15c

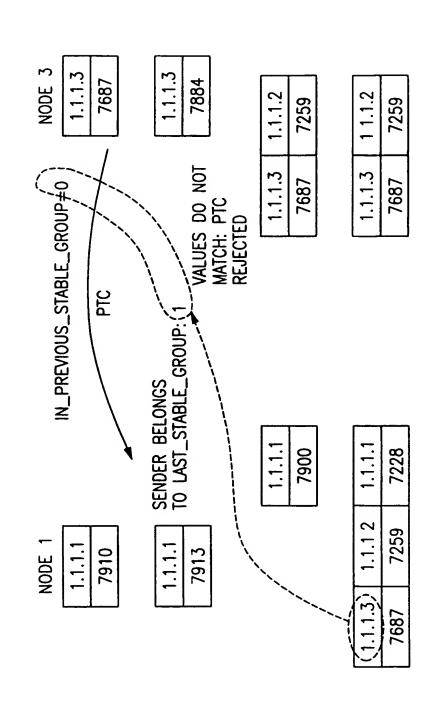


FIG. 15d

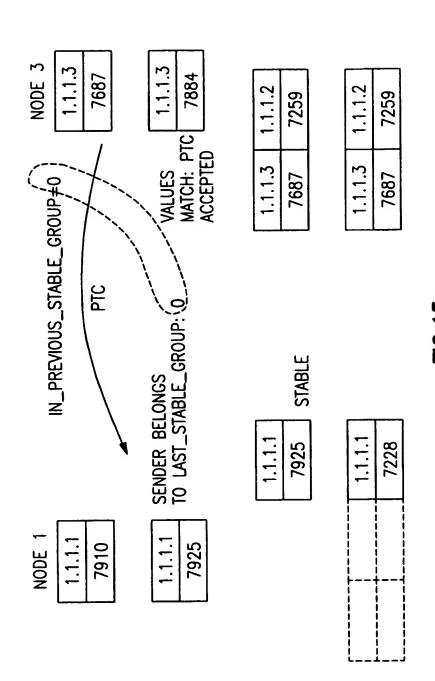


FIG. 15e